

encoding a PRO768 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO768 polypeptide have significant homology with integrins, including integrin 7 and 6. Accordingly, it is presently believed that PRO768 polypeptide disclosed in the present application is a newly identified member of the integrin family, either a homologue or a splice variant of integrin 7, and is involved with cell adhesion and communication between muscle cells and the extracellular matrix.

69. Full-length PRO771 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO771. In particular, Applicants have identified and isolated cDNA encoding a PRO771 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO771 polypeptide have significant sequence identity and similarity with testican. Accordingly, it is presently believed that PRO771 polypeptide disclosed in the present application is a newly identified member of the testican family and possesses cell signaling, binding, or adhesion properties, typical of this family.

70. Full-length PRO733 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO733. In particular, Applicants have identified and isolated cDNA encoding a PRO733 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO733 polypeptide have significant sequence identity with the T1/ST receptor binding protein. Accordingly, it is presently believed that PRO733 polypeptide disclosed in the present application is a newly identified member of the interleukin-like family binding proteins which may be a cytokine and which may be involved in cell signaling. It is believed that PRO733 is an ApoAIV homologue.

71. Full-length PRO162 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO162. In particular, Applicants have identified and isolated cDNA encoding a PRO162 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO162 polypeptide have significant homology with human pancreatitis-associated protein (PAP). Applicants have also found that the DNA encoding the PRO162 polypeptide has significant homology with bovine lithostathine precursor and bovine pancreatic thread protein (PTP). Accordingly, it is presently believed that PRO162 polypeptide disclosed in the present application is a newly identified member of the pancreatitis-associated protein family and possesses activity typical of the pancreatitis-associated protein family.

72. Full-length PRO788 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides

referred to in the present application as PRO788. In particular, Applicants have identified and isolated cDNA encoding a PRO788 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO788 polypeptide have significant homology with the anti-neoplastic urinary protein. Applicants have also found that the DNA encoding the PRO788 polypeptide has significant homology with human E48 antigen, human component B protein, and human prostate stem cell antigen. Accordingly, it is presently believed that PRO788 polypeptide disclosed in the present application is a newly identified member of the anti-neoplastic urinary protein family and possesses anti-neoplastic activity typical of the anti-neoplastic urinary protein family.

73. Full-length PRO1008 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO1008. In particular, Applicants have identified and isolated cDNA encoding a PRO1008 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO1008 polypeptide have significant sequence identity and similarity with mouse dkk-1 (mdkk-1). Accordingly, it is presently believed that PRO1008 polypeptide disclosed in the present application is a newly identified member of the dkk-1 family and possesses head inducing activity typical of this family.

74. Full-length PRO1012 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO1012. In particular, Applicants have identified and isolated cDNA encoding a PRO1012 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO1012 polypeptide have sequence identity with disulfide isomerase. Accordingly, it is presently believed that PRO1012 polypeptide disclosed in the present application is a newly identified member of the ER retained protein family and possesses activity related to the processing, production and/or folding of polypeptides typical of the disulfide isomerase family.

75. Full-length PRO1014 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO1014. In particular, Applicants have identified and isolated cDNA encoding a PRO1014 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO1014 polypeptide have sequence identity with reductase and dehydrogenase. Accordingly, it is presently believed that PRO1014 polypeptide disclosed in the present application is a newly identified member of the reductase super family and possesses reduction capabilities typical of this family.

76. Full-length PRO1017 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides

referred to in the present application as PRO1017. In particular, Applicants have identified and isolated cDNA encoding a PRO1017 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO1017 polypeptide have sequence identity with HNK-1 sulfotransferase. Accordingly, it is presently believed that PRO1017 polypeptide disclosed in the present application is a newly identified member of the HNK-1 sulfotransferase family and is involved with the synthesis of HNK-1 carbohydrate epitopes typical of this family.

77. Full-length PRO474 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO474. In particular, Applicants have identified and isolated cDNA encoding a PRO474 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO474 polypeptide have sequence identity with dehydrogenase, glucose dehydrogenase and oxidoreductase. Accordingly, it is presently believed that PRO474 polypeptide disclosed in the present application is a newly identified member of the dehydrogenase family and is involved in the oxidation of glucose.

78. Full-length PRO1031 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO1031. In particular, Applicants have identified and isolated cDNA encoding a PRO1031 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO1031 polypeptide have sequence identity with IL-17 and CTLA-8. Accordingly, it is presently believed that PRO1031 polypeptide disclosed in the present application is a newly identified member of the cytokine family and thus may be involved in inflammation and/or the immune system.

79. Full-length PRO938 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO938. In particular, Applicants have identified and isolated cDNA encoding a PRO938 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO938 polypeptide has significant similarity to protein disulfide isomerase. Accordingly, it is presently believed that PRO938 polypeptide disclosed in the present application is a newly identified member of the thioredoxin family proteins and possesses activity typical of protein disulfide isomerase.

80. Full-length PRO1082 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO1082. In particular, Applicants have identified and isolated cDNA encoding a PRO1082 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that various portions of the PRO1082